

For Research Use Only

Phospho-XIAP (Ser87) Polyclonal antibody



Catalog Number: 28791-1-AP

Basic Information

Catalog Number: 28791-1-AP	GenBank Accession Number: BC032729	Purification Method: Antigen affinity purification
Size: 100ul , Concentration: 255 µg/ml by Nanodrop;	GeneID (NCBI): 331	Recommended Dilutions: WB 1:1000-1:4000
Source: Rabbit	Full Name: X-linked inhibitor of apoptosis	
Isotype: IgG	Calculated MW: 60 kDa	
	Observed MW: 57 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : PDGF treated NIH/3T3 cells,
Species Specificity: Human, mouse, rat	

Background Information

XIAP, also named as API3, BIRC4 and IAP3, belongs to the IAP family. It has E3 ubiquitin-protein ligase activity. It mediates the proteasomal degradation of target proteins, such as caspase-3, SMAC or AIFM1. XIAP is an inhibitor of caspase-3, -7 and -9. It mediates activation of MAP3K7/TAK1, leading to the activation of NF-kappa-B. XIAP is an apoptotic suppressor. It is ubiquitinated and degraded by the proteasome in apoptotic cells. XIAP is directly phosphorylated by PKC and that XIAP phosphorylated at Ser87 by PKC is resistant to degradation, protecting cells from apoptosis-inducing stress.

Storage

Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

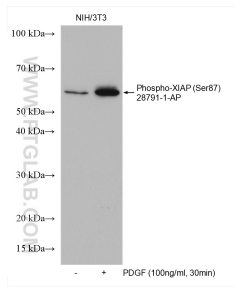
For technical support and original validation data for this product please contact:

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Selected Validation Data



Non-treated NIH/3T3 and PDGF treated NIH/3T3 cells were subjected to SDS PAGE followed by western blot with 28791-1-AP (Phospho-XIAP (Ser87) antibody) at dilution of 1:3000 incubated at 4°C overnight. The membrane was stripped and re-blotted with GAPDH antibody as loading control.